

Rotor of electric motor

Patent number: EP0872944

Publication date: 1998-10-21

Inventor: UCHIBORI MASA HARU (JP); ARAI KAZUHIKO (JP);
IGARASHI KEIJIRO (JP); TAKEZAWA MASA AKI (JP)

Applicant: SANYO ELECTRIC CO (JP)

Classification:


- international: H02K1/27

- european: H02K1/27B2C1


Application number: EP19980106582 19980409

Priority number(s): JP19970113559 19970414; JP19970113560 19970414;
JP19970267443 19970930

Also published as:

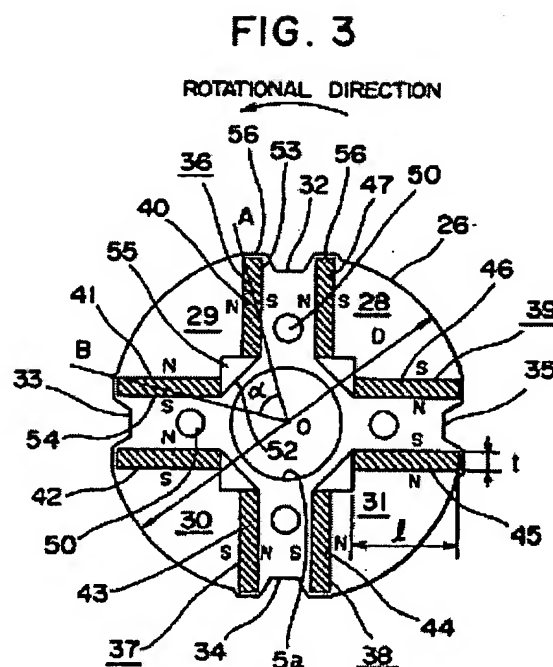
 US6147428 (A1)

Cited documents:

 DE4033454
 US5604390
 EP0622885
 JP9009537

Abstract of EP0872944

It is an object to provide a rotor of an electric motor in which an adverse influence due to through holes for caulking and fixing is reduced, and moreover, the number of parts is small and an assembling operation is simple, so that high characteristics can be obtained, which is constructed by: a rotor core constructed by laminating a plurality of iron plates for the rotor; at least two slots which are formed in the rotor core along the axial direction of a rotation axis; and at least four flat permanent magnets which are inserted to the slots, and in which as the permanent magnets, each pair of magnets which face each other between adjacent magnetic poles are arranged in parallel at predetermined intervals so as to sandwich a normal line of the rotor.



Data supplied from the esp@cenet database - Worldwide